

Human Factors HWG

Curt Graeber

Report to the TAEIG

March 27, 2001

Washington, DC

HF HWG Status

- Sixth meeting: Jan. 9-11, 2001 Seattle
- Meeting accomplishments
 - Subgroups finalized analytic processes and continued conducting reviews
 - Plan and process developed to integrate bottom-up (Subgrp C) and top-down (Subgrp B) results
 - Continued to refine and validate criteria

HF HWG Subgroups

Four subgroups per the following objectives:

- Group A - Determine regulatory material to be reviewed
- Group B - Define and implement HF concept based analytic review processes (Top-Down)
- Group C - Define and implement experience (operational & regulatory) based analysis (Bottom-Up)
- Group D - Define success criteria

Review Material Finalized

- All FAR/JAR material made available on website
- Created lists of Advisory Circulars keyed to those sections of FAR 25 retained as relevant
 - *ACs in 20, 25, and 120/121 Series completed - each AC either included or excluded for cause*
 - *This work was used as model for selection of ACJs by JAA Subgroup A members*

Integration Focus Team

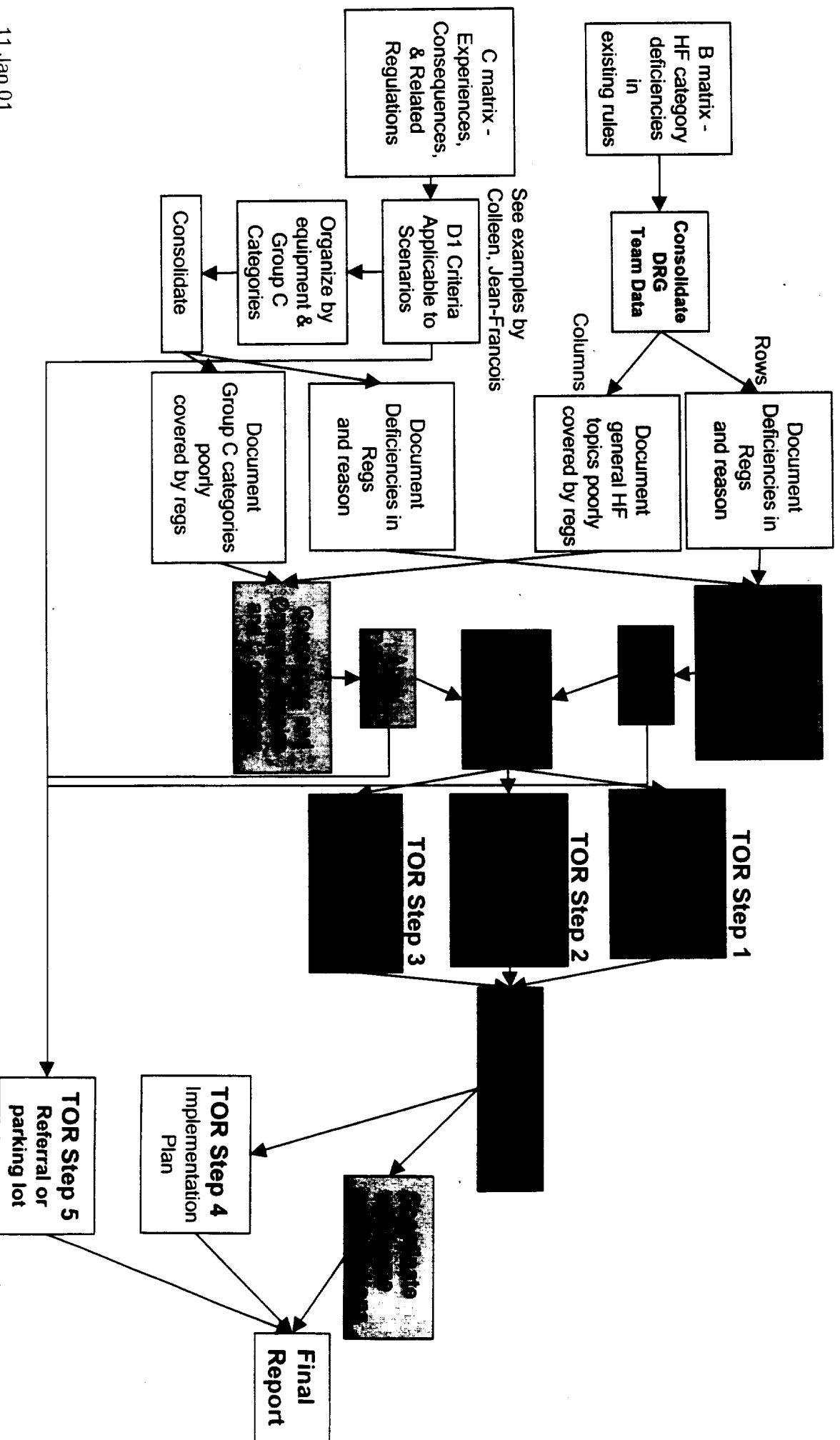
- Focus team developed a process for integrating Subgroup B&C results
 - *Scheme for organizing data into an integrated format*
 - *Recommend a process for applying criteria*
 - *Will become final analysis leading to Task 1 recommendations*
 - *Proposed HWG reorganization to accomplish this*
- Plan agreed to by total HWG.
- Beta test of the proposed process launched, to be completed by April 2001.

Proposed HHWG Process

TAEIG

Progress Report

Amsterdam Oct 00	Seattle Jan 01	Brighton April 01	Munich June 01	Oct 01	Jan 02	April 02	Jun 02
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Applying Criteria

- Subgroup D refining general criteria:
 - *Validating current criteria*
 - *Developing decision guideline and conflict resolution method*
- Will base our approach on CAST JSAT-JSIT method for assessing intervention effectiveness
- All findings will be tracked regardless of their suitability for action as determined by the criteria

Progress and Concerns

- Progressing as planned
- Will deliver interim report on Tasks 1-3 by May
- Will complete Task 1 no later than October 2001
- Embraer contacted US co-chair requesting participation, will be attending next meeting as Observer with mutual decision to be made then regarding full membership.
- ATA representative quit, no replacement.
- No further status reported by JAA on A-NPA “Human Centred Design”

Future Meetings

Next meeting:

- Location: Brighton (UK, CAA)
- Dates: Apr. 3-5, 2001

Summer meeting:

- Location: Munich (Dornier)
- Dates: June 19-21, 2001

Fall meeting:

- Location: Boston (FAA)
- Dates: Oct. 16-18, 2001

